

TG Kentucky, LLC
Lebanon, Kentucky 40033
EXECUTIVE SUMMARY

SOURCE DESCRIPTION:

TG Kentucky, LLC, has applied to the Division for Air Quality for a renewal of their Title V operating permit, #V-98-006 (Revision 1), for the operation of a facility in Lebanon, Kentucky, which manufactures plastic and rubber parts for the automotive industry.

TG Kentucky currently manufactures several plastic and rubber components. The existing equipment to manufacture and process rubber includes mixing, kneading and milling, rubber extrusion and molding, vulcanization and final processing. The existing equipment for plastic includes extrusion and molding, and spray painting and clean up. There has been no major construction/modifications at the source since the issuance of permit #V-98-006 (Revision 1). This renewal does include the addition of 39 plastic and rubber molding machines, which are to be installed by 2007.

TG Kentucky has voluntarily accepted Synthetic Minor limits in order to preclude applicability of 401 KAR 51:017, Prevention of Significant Deterioration of Air Quality. Consequently, plantwide VOC emissions, including emissions from insignificant activities, are limited to 225 tons for any consecutive 12-month period. Exceedance of the major source emission level, as defined in 401 KAR 51:017, will trigger additional requirements.

In order to avoid applicability of Subpart PPPP, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products, has accepted a plantwide emissions limitation on hazardous air pollutants (HAP). Source wide, individual HAP emissions, including those from insignificant activities, shall not exceed 9.5 tons during any consecutive 12-month period, and total combined HAP emissions, including those from insignificant activities, shall not exceed 22.5 tons during any consecutive 12-month period.

Additionally, as required by 40 CFR Subpart PPPP, Section 63.4510, TG Kentucky has submitted their initial notification to the US EPA, stating that they are accepting source wide limits on HAP emissions in order to preclude applicability of this new MACT.

U.S. EPA REVIEW:

The U.S. EPA and affected state (Tennessee) were notified of the issuance of the proposed permit on September 25, 2005 via e-mail. The comment period expired 45 days from the date of email. No comments were received during this period. The permit is now being issued final.